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CATALOG OF SEED AND VEGETATIVE STOCK
AVAILABLE FROM THE SOUTHERN REGIONAL
PLANT INTRODUCTION STATION

Castors

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Science and Education Administration
U.S. Department of Agriculture
1978



Catalog of Seed and Vegetative Stock
Available From the
Southern Regional Plant Introduction Station

CASTORS
(*Ricinus communis*)

Compiled by

REGIONAL PROJECT S-9
of the
Agricultural Experiment Stations
of
Alabama, Arkansas, Florida, Georgia, Hawaii,
Kentucky, Louisiana, Mississippi, North Carolina,
Oklahoma, Puerto Rico, South Carolina, Tennessee,
Texas, and Virginia

and the
Science and Education Administration
and
Soil Conservation Service
of the
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1978

This catalog, which supersedes the edition of March 1972, is available from the Southern Regional Plant Introduction Station, Science and Education Administration, U.S. Department of Agriculture, Experiment, Ga. 30212. Other catalogs in this series:

Vine Crops. June 1978.

Sesamum Species. August 1978.

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Foreword

Seeds of the plant introductions listed herein are available in small quantities to research workers on request to the Southern Regional Plant Introduction Station, Experiment, Ga. 30212. This inventory is cumulative for plant materials grown at the regional station or by cooperating State experiment stations since 1949, when the S-9 "New Plants" project was initiated. During the year of seed multiplication, plants were observed, when possible, for agronomic and horticultural characteristics and for other desirable genetic characters. These data are summarized for the use of plant scientists who wish to select plant materials for research.

Many plant species that are not in this seed list are available at the Northeastern Regional Plant Introduction Station, Geneva, N.Y. 14456; North Central Regional Plant Introduction Station, Ames, Iowa 50010; and the Western Regional Plant Introduction Station, Pullman, Wash. 99163. The Plant Germplasm Technical Committee member in each State can provide a list of plant materials available at each station. In the Southern States, Hawaii, and Puerto Rico the members are:

Alabama: C. S. Hoveland, Department of Agronomy, Agricultural Experiment Station, Auburn, Ala. 36830.

Arkansas: John L. Bowers, Department of Horticulture and Forestry, Agricultural Experiment Station, Fayetteville, Ark. 72701.

Florida: Gordon M. Prine, Department of Agronomy, Agricultural Experiment Station, Gainesville, Fla. 32611.

Georgia: W. R. Langford, Regional Plant Introduction Station, Experiment, Ga. 30212.

Hawaii: R. A. Hamilton, Department of Horticulture, College of Tropical Agriculture, University of Hawaii, Honolulu, Hawaii 96822.

Kentucky: R. E. Sigafus, Department of Agronomy, Agricultural Experiment Station, Lexington, Ky. 40506.

Louisiana: R. J. Stadtherr, Department of Horticulture, Agricultural Experiment Station, Baton Rouge, La. 70803.

Mississippi: R. G. Creech, Department of Agronomy, Agricultural Experiment Station, Mississippi State, Miss. 39762.

North Carolina: W. T. Fike, Department of Crop Science, North Carolina State University, Raleigh, N.C. 27607.

Oklahoma: James S. Kirby, Department of Agronomy, Agricultural Experiment Station, Stillwater, Okla. 74074.

Puerto Rico: Oscar D. Ramirez, Department of Plant Breeding, Agricultural Experiment Station, Río Piedras, P.R. 00928.

South Carolina: D. W. Bradshaw, Department of Horticulture, Agricultural Experiment Station, Clemson, S.C. 29631.

Tennessee: L. N. Skold, Department of Plant and Soil Sciences, University of Tennessee, Knoxville, Tenn. 37901.

Texas: E. L. Whiteley, Department of Agronomy, Agricultural Experiment Station, College Station, Tex. 77843.

Virginia: A. J. Lewis III, Department of Horticulture, Agricultural Experiment Station, V.P.I. & S.U., Blacksburg, Va. 24061.

Plant scientists in the Southern Region having a need for plant germplasm not available at any of the regional stations or other units of the National Plant Germplasm System should direct their requests to the Coordinator, Regional Project S-9, Southern Regional Plant Introduction Station, Experiment, Ga. 30212. Scientists in the North Central, Northeastern, or Western Regions should direct similar requests to the Coordinator, Regional Project NC-7, NE-9, or W-6, at the appropriate Regional Plant Introduction Station.

W. R. Langford
Coordinator, Regional Project S-9
Science and Education Administration

Ricinus communis Introductions

The following symbols and abbreviations are used in the table of *Ricinus communis* introductions:

<u>Column</u>	<u>Interpretation</u>
Source.....	AFGH, Afghanistan. ALGE, Algeria. ARGN, Argentina. BAHAM, Bahamas. BRAZ, Brazil. CO LE, Zaire. COLO, Colombia. EL SAL, El Salvador. ETHI, Ethiopia. FRAN, France. GRECE, Greece. GUAT, Guatemala. IND J, Java. ISRL, Israel. JAMA, Jamaica. MALGY, Madagascar. MEX, Mexico. MOROC, Morocco. PAK, Pakistan. PANA, Panama. PARA, Paraguay. PORT, Portugal. PU RI, Puerto Rico. S AFR, South Africa. TURKY, Turkey. URUG, Uruguay. VI IS, Virgin Islands. YUGO, Yugoslavia.
Maturity.....	1, early. 5, midseason. 9, late.
Plant vigor.....	1, good. 5, medium. 9, poor.
Stem color.....	1, green. 2, red. 3, mixture of plants with green stems and plants with red stems.
Seed size.....	1, small. 5, medium. 9, large.
Seed color.....	1, brown. 2, tan. 3, reddish brown.

Plant introduction No.	Source	Cultivar or other identification	Maturity	Plant height (dm)	Plant vigor	Stem color	Raceme length (cm)	Raceme height (dm)	Seed size	Seed color
162912	BRAZ		9						5	1
163162	BRAZ	VAR 39	9	12	9	2	20	12	5	2
165415	MEX		5	24	1	2	36	12	9	3
165446	MEX	HIGUERILLA	5	24	1	2	36		5	3
167072	TURKY	NO 12	9	24	1	1	13		1	2
167112	TURKY		9	21	1	2	56		5	3
167238	TURKY	HINDYAGI GIZA NO 3	5	27	1	1	23	14	1	1
167287	TURKY		1	31	5	1	23		1	1
167288	TURKY		1	31	1	1		45	5	1
167342	TURKY		9	24	1	1	48	40	1	1
170682	TURKY			18					5	1
170684	TURKY	KAHVERENGI	1	24	1	1	51	45	5	3
170685	TURKY	ACIK KAHVERENGI	9	15	9	1		27	1	2
170686	TURKY		9	24	1	1		12	1	1
173090	TURKY		5	24	1	3	20		1	1
173091	TURKY		5	15	9	1	18	13	1	1
173794	TURKY		5	13	5	2	25	13	5	1
173795	TURKY		1	15	5	1	20	13	1	1
173946	INDIA	ERRAND	5	31	1	2	23	14	5	3
173947	INDIA		9	34	1	2	25		1	1
173948	INDIA		9	31	1	1	43		5	2
173950	INDIA		9	31	1	1	38		1	1
174350	TURKY		1	9	5	1	28		1	1
174351	TURKY	HINTYAGI	5	18	1	3	15	13	1	1
175899	TURKY	HINTYAGI	9	18	9	1	36	10	1	1
176751	TURKY		1	15	5	1	15	10	1	1
177537	TURKY		1	15	5	2	23		5	3
179029	TURKY		1	18	1	2	18	11	5	1
179030	TURKY		1	15	1	2	15		5	1

Plant introduction No.	Source	Cultivar or other identification	Maturity	Plant height (dm)	Plant vigor	Stem color	Raceme length (cm)	Raceme height (dm)	Seed size	Seed color
179729	INDIA	NO 10394 HARIND								
179730	INDIA	ERAND	5	11	5	2	15	11	9	2
179732	INDIA	IRINDIA	5	13	5	2	20	13	5	3
179733	INDIA	IRIND	5	11	5	2	13	13	9	2
179984	INDIA	IRINDIA	5	11	5	2	20	11	9	3
179985	INDIA	IRAR	9	18	9	1	56		5	2
180333	INDIA	IRIND	5	27	5	1	36		1	1
180334	INDIA	IRINDI	9	10	5	1	20	9	5	1
180335	INDIA	IRIND	5	15	5	1	18		1	1
181063	INDIA		9	11	9	1	18	9	5	1
181065	INDIA	C-14	5	34	1	1	18		5	2
181066	INDIA	W-115	5	21	5	1	61		1	3
181916	SYRIA		9	15	5	1	20		1	1
181970	SYRIA		1	12	5	1	10		1	1
182987	INDIA	ERARI	1	18	5	2	15		1	1
182988	INDIA	NO 11449 DIVELA	5	11	5	2	10	12	5	3
183074	INDIA	ARARI	5	12	9	2	16	13	5	3
183076	INDIA	ERARI	5	15	1	1	30	15	1	3
183078	INDIA	DIVELA	5	14	5	2	15	14	1	3
183143	INDIA	ERARI								
183347	INDIA	DIVELA	9	21	5	1	46		5	1
183468	INDIA	ERARI	9	18	9	1	18		1	1
183470	INDIA	ANDI	5	18	5	1	13		1	1
183471	INDIA		5	10	5	2	18	10	5	2
184132	YUGO		5	12	5	2	13		9	1
184133	YUGO		5	18	5	2	18		5	1
192949	KENYA	MAUTHNER	1	18	5	2	20		5	1
193851	ETHI	NO 9014								
195811	GUAT		5	15	5	2	20	15	5	2

Plant introduction No.	Source	Cultivar or other identification	Maturity	Plant height (dm)	Plant vigor	Stem color	Raceme length (cm)	Raceme height (dm)	Seed size	Seed color
197048	ELSAL		5	11	1	2	20	12	9	2
201781	COLO	BRAZILIAN NO 38	9	15	1	1	28	12	5	1
201830	MALGY	TIGE BLANCHE	5	21	1	3	36	9	1	1
202666	INDIA	HC 2	9	18	1	1	51		5	1
202667	INDIA	HC 3	1	21	1	1	36		5	1
202668	INDIA	HC 4	1	27	1	2		12	5	2
202670	INDIA	HC 6								
202671	INDIA	HC 7	9	21	1	2	40	18	5	1
202711	URUG		9	21	1	1			1	1
202719	INDIA		9	14	5	1	20	13	5	2
203126	INDIA	TMV-1		21	1	2			5	2
203127	INDIA	TMV-2		21	1	2			9	3
203128	INDIA	TMV-3	9	34	1	1			9	1
203320	BRAZ									
203661	PARA									
204321	INDIA	CHITTAHARALU	9	37	1	2	58			
204322	INDIA	ROSY CASTOR	9	21	1	2			1	3
204323	INDIA	L-53								
204324	INDIA	L-72	9	21	1	2			5	1
204325	INDIA	L-74	9	21	1	1			5	1
206369	MEX		9	15	5	1	30	16	5	3
206515	JAMA									
207867	PERU	LA BLANCA	9	24	1	1	28		5	2
207868	PERU	LA CHOCOLATE	5	24	1	2	41		5	1
207870	PERU	LA NEGRA								
208464	NEPAL		5	11	5	2	28	13	1	1
208689	ALGE		5	10	1	2	25	10	5	3
208690	ALGE		1	12	5	2	25		5	1
208696	ALGE		5	13	5	1	20	11	5	1

Plant introduction No.	Source	Cultivar or other identification	Maturity	Plant height (dm)	Plant vigor	Stem color	Raceme length (cm)	Raceme height (dm)	Seed size	Seed color
208839	CUBA									
208840	CUBA		9	15	1	1	20	12	1	1
208841	CUBA		9	18	5	2	38	12	5	1
208842	CUBA		9	18	1	1	36		1	1
208844	CUBA		9	18	1	1	28		1	1
209132	PU RI		9	24	5	1	30	15	1	1
209326	VI IS		9	8	1	2	15	9	5	3
209436	PANA		9	31	1	2	61	12	1	1
209622	CUBA		5	18	5	1	56	15	1	1
209623	CUBA									
212115	AFGH									
213021	INDIA		5	31	5	2	15	12	5	3
215720	PERU		5	15	5	1	20	12	5	1
215721	PERU		1	15	5	1	18		5	1
215768	PERU	TM 2776								
215769	PERU	TM 2777	9	12	1	1	18		9	3
215770	PERU	TM 2913	9	21	1	1	33		9	2
215771	PERU	TM 2914								
215772	PERU	TM 2948	1	12	9	1	15	10	1	1
215773	PERU	TM 2954	1	15	5	1	15		1	1
215774	PERU	TM 2955	1	15	5	1	30	9	1	1
215775	PERU	TM 2957	1	18	5	3	36	15	5	1
215776	PERU	TM 2958	5	21	5	2	38	14	5	1
217557	INDIA		9	27	1	1	61	17	1	1
217558	INDIA		5	21	1	2	28		5	3
217559	INDIA	ROSY	5	21	1	2	43		5	3
219766	ARGN	DWARF CASTOR	1	15	5	2	25	13	5	1
219767	ARGN									
219768	ARGN	MAMONA 38								

Plant introduction No.	Source	Cultivar or other identification	Maturity	Plant height (dm)	Plant vigor	Stem color	Raceme length (cm)	Raceme height (dm)	Seed size	Seed color
219769	ARGN	MAUTHNER								
219770	ARGN	ROUGE DE FEZ	5	21	5	3	25	14	5	3
219771	ARGN	SAWGUINEO COMMUN	1	18	5	2	15	12	5	3
219772	ARGN	NO 72		15		1			5	1
219773	ARGN	NO 73		15		1			5	1
219774	ARGN	NO 74		15		1			5	1
219775	ARGN	NO 93	5	15	9		12	12	5	1
219776	ARGN	NO 4233	1	18		2			5	3
221046	ARGN	T4-03		18		2			5	1
221047	ARGN	T5-01-2	5	9	1	2	15	9	5	3
221048	ARGN	T5-02	1	24	1	2	38		5	3
221049	ARGN	4-2	1	34	1	1	41		5	1
221050	ARGN	6-7-2				2			5	3
221051	ARGN	NO 93	9	24	5	2	28	13	5	1
221052	ARGN	11-1	9	24		2			5	3
221053	ARGN	13-2		24		2			5	1
221054	ARGN	14-1	9						5	1
221471	AFGH	BAID-ANJIR		21		1			5	1
221698	IND J		1	18	5	2			5	3
222265	IRAN		5	21	1	1	48		1	1
222828	IRAN	GARCHAK	5	15	5	1	15	12	1	1
222829	IRAN	GARCHAK								
222830	IRAN		1	15	5	1	18	11	1	1
223013	IRAN	KARCHAK	1	15	5	1	25	12	1	1
223409	IRAN	KARCHAK	5	14	5	1	28	14	5	1
226669	IRAN	KENTU	5	11	9	1	25	11	1	1
226670	IRAN	KETAN	1	9	5	1	20	12	1	1
227869	IRAN	KARCHAKH	1	15	5	3	56	13	5	3
229540	IRAN		5	9	9	1	30	9	5	2

Plant introduction No.	Source	Cultivar or other identification	Maturity	Plant height (dm)	Plant vigor	Stem color	Raceme length (cm)	Raceme height (dm)	Seed size	Seed color
229541	IRAN		5	9	9	1	20	9	1	1
229620	IRAN		1	12	9	1	35	13	1	1
238194	BRAZ									
240310	FRAN		9	21	1	1	61	15	9	2
240312	FRAN		5	9	1	1	25	17	5	2
240673	URUG	BRAVIANNA	5	12	1	2	25	16	1	1
240674	URUG	COMMON	5	12	1	2	38	11	1	1
241362	BRAZ		1	12	5	1	18		1	1
241363	BRAZ		1	15	5	1	23	11	5	1
241364	BRAZ		1	15	1	1	18	11	1	1
241365	BRAZ		1	9	5	1	15	9	1	1
241366	BRAZ		1	12	1	1	20		1	1
241367	BRAZ		5	12	1	1	25		1	1
241368	BRAZ		1	9	1	1	20		5	1
241369	BRAZ		5	15	1	1	30	9	5	1
241371	BRAZ		5	15	5	2	25	10	5	1
243062	BRAZ		5	9	5	1	20		1	1
243207	BRAZ		9	24	1	2	20		5	1
243211	BRAZ									
246996	BAHAM		5	7	5	1	15	7	5	1
247094	IRAN		1	15	9	1	30	12	5	2
247097	IRAN	NO 2802	9	8	9	1	10	8	1	2
247098	IRAN									
247099	IRAN									
247100	IRAN									
247101	IRAN		5	13	5	2	42	14	5	2
247102	IRAN	NO 2825	5	7	9	1	30	7	5	2
248393	INDIA		1	37	1	1	15	6	5	1
248500	CO LE		1	18	9	1	20	9	5	1

Plant introduction No.	Source	Cultivar or other identification	Maturity	Plant height (dm)	Plant vigor	Stem color	Raceme length (cm)	Raceme height (dm)	Seed size	Seed color
248501	CO LE		1	18	9	3	30	9	5	1
248502	CO LE		1	15	9	3	30	9	1	1
248934	INDIA									
248938	INDIA		5	40	1	1	25	18	5	1
248939	INDIA		1	40	1	1	15	18	5	1
248941	INDIA		1	40	1	2	20	15	5	1
248942	INDIA									
248944	INDIA									
248948	INDIA									
248952	INDIA									
248956	INDIA									
248958	INDIA	COL NO K184			9					
248959	INDIA	COL NO K185			9					
248962	INDIA									
248969	INDIA		5	37	1	1	38	15	5	2
250026	IRAN		1	34	1	1	38	9	1	1
250027	IRAN		1	27	1	1	30	12	5	1
250028	IRAN		5	37	5	1	28	13	1	1
250226	PAK		1	37	1	1	30	15	5	2
250397	PAK		1	21	5	2	10	9	1	2
250575	PAK		9	31	1	1	38	15	5	2
250622	PAK		9	31	1	1	36	15	5	3
250742	IRAN		9							
250743	IRAN									
250876	IRAN		9	8	9	1	12	9	5	2
250877	IRAN		9	11	5	1	20	9	5	2
250878	IRAN	COL NO K1374	9	12	5	1	30	12	9	2
250880	IRAN		5	34	1	1	38	15	5	1
250882	IRAN									

Plant introduction No.	Source	Cultivar or other identification	Maturity	Plant height (dm)	Plant vigor	Stem color	Raceme length (cm)	Raceme height (dm)	Seed size	Seed color
250884	IRAN		5	27	1	1	18	15	5	1
250938	IRAN	K1536 KARCHAK							5	1
250939	IRAN	KARCHAK	1	15	5	1	30	9	5	1
252001	TURKY		1	27	1	2	10	9	9	3
253422	ISRL		1	37	1	2	30	15	5	3
253620	MOROC		1	37	1	2	25	18	5	1
253621	MOROC		1	18	1	1	30	9	5	1
254404	INDIA	GUARA (PUSA)	1	43	1	1	20	15	5	2
254405	INDIA	MAHMADPUR-BIRauli	1	31	1	1	10	15	5	2
254406	INDIA	GARHIA (PUSA)	1	31	1	1	15	12	5	1
255238	MEX	AIGUERILLA	5	34	1	1	25	18		
257442	S AFR	ADAMDAM	1	15	1	3	10	6	5	1
257443	S AFR		1	15	9	1	25	6	5	1
257444	S AFR		1	24	1	2	30	9	5	1
257445	S AFR	ADAMDAM	1	18	1	2	20	6	5	1
257446	S AFR	CASTER	1	21	1	2	30	6	5	3
257447	S AFR		1	21	1	2	30	12	5	1
257448	S AFR		1	15	5	1	30	12	5	1
257449	S AFR	M4 X DAWN F	1	21	1	2	30	12	5	1
257451	S AFR		1	24	1	2	36	9	5	1
257452	S AFR		1	24	1	2	56	12	5	1
257453	S AFR		1	24	1	2	30	12	5	1
257454	S AFR		1	31	1	2	25	12	5	1
257456	S AFR		1	34	1	2	46	12	5	1
257457	S AFR		1	37	1	2	30	9	5	1
257458	S AFR		1	27	1	2	25	9	5	3
257459	S AFR		1	31	1	2	38	9	5	1
257460	S AFR		1	21	1	2	30	9	5	3
257461	S AFR		1	21	1	2	25	12	5	1

Plant introduction No.	Source	Cultivar or other identification	Maturity	Plant height (dm)	Plant vigor	Stem color	Raceme length (cm)	Raceme height (dm)	Seed size	Seed color
257462	S AFR		1	18	1	2	10	9	5	1
257652	USSR	SANGUINEOUS NO 401	1	18	1	2	24	9	5	3
257653	USSR	SANGUINEOUS SYNTHETICUS	1	18	1	2	24	9	5	3
258368	USSR	EARLY HYBRID	1	9	9	1	30	6	5	1
258388	ALGE		1	12	9	1	10	6	5	1
258390	ALGE		1	15	9	2	10	6	5	2
262553	ISRL		1	15	9	1	25	6	5	3
265504	COLO	BAKER 296	1	15	9	1	25	6	5	1
265505	COLO	BAKER 292	1	9	1	1	25	3	5	1
265506	COLO	BAKER 290	1	9	1	1	15	3	5	1
265508	COLO	CIMARRON	1	15	5	1	23	6	5	1
265509	COLO	BAKER 34	1	15	5	1	10	6		
267802	FRAN			10		2				
269668	BRAZ		5	21	1	1	30	12	5	1
274769	S AFR	HY 6	1	12	5	1	33	3		
274770	S AFR	CIMMARON INBRED	1	15	5	1	20	6		
274771	S AFR		5	9	1	1	30	3	1	1
274772	S AFR	MARGATE	5	18	1	1	36	9	5	1
274773	S AFR	HY 176	1	18	1	2	20	12		
277020	USA									
277021	USA		9	19	5	2	40	20	5	3
277023	USA									
277024	USA									
277025	USA									
280219	GRECE		9	11	9	1	22	11	1	2
280220	USA		9	9	9	2	12	9	9	3
298597	BRAZ		9	1	1					
298598	BRAZ		9	7	5	2	18	7	1	3
298599	BRAZ		9	8	5	1	30	8	5	3

Plant introduction No.	Source	Cultivar or other identification	Maturity	Plant height (dm)	Plant vigor	Stem color	Raceme length (cm)	Raceme height (dm)	Seed size	Seed color
298600	BRAZ		9	10	5	2	20	10	5	3
298601	BRAZ		9	5	5	2	25	5	9	3
323304	PAK	C-22 CASTOR								
323589	PORT	BOMBONIENSIS	9	12	5	2	30	12	1	3
323591	PORT	ZANZIBARIENSIS	9	13	9	2	18	13	5	1
326198	MEX		9	14	5	2	20	13	9	3
326343	PARA	CHACO COMMON	9	10	5	1	20	10	5	3
326344	PARA	CHACO SPINELESS	9	11	5	1	18	10	5	3
370042	INDIA									
384013	BRAZ	CAMPINAS	9	7	5	2	20	7	5	3
384014	BRAZ	GUARANY								
384015	BRAZ	IAC-38	9	9	5	2	33	9	9	1

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